

ABSTRACT

5 A remote control imaging system includes an independently
controlled imaging platform controlled by a camera operator. The
telecontrol unit includes a video preview monitor and camera and
trim controls. The telecontrol unit may also include an interface
for attachment of a conventional camera control handle to permit
selection of the telecontrol zoom, iris, focus and camera on/off
controls or the attached conventional camera control handle zoom,
iris, focus and camera on/off controls. The imaging platform is
10 capable of motion about three orthogonal axes independent of the
motion or control of a support vehicle, such as a crane or
helicopter. The imaging platform may also accommodate rapid
interchange of a variety of imaging devices using a standardized
three point securing system, which may also isolate vibration from
15 the support vehicle. Each point of the securing system may be
further vibration isolated to enhance image quality. It is
emphasized that this abstract is provided to comply with the rules
requiring an abstract, which will allow a searcher or other reader
to quickly ascertain the subject matter of the technical
20 disclosure. It is submitted with the understanding that it will
not be used to interpret or limit the scope or meaning of the
claims.